Resources for Educators & Students to Prepare for the ACT

Montana Office of Public Instruction
2016 Assessment & Data Conference
January 21-22, 2016
February 1-2, 2016

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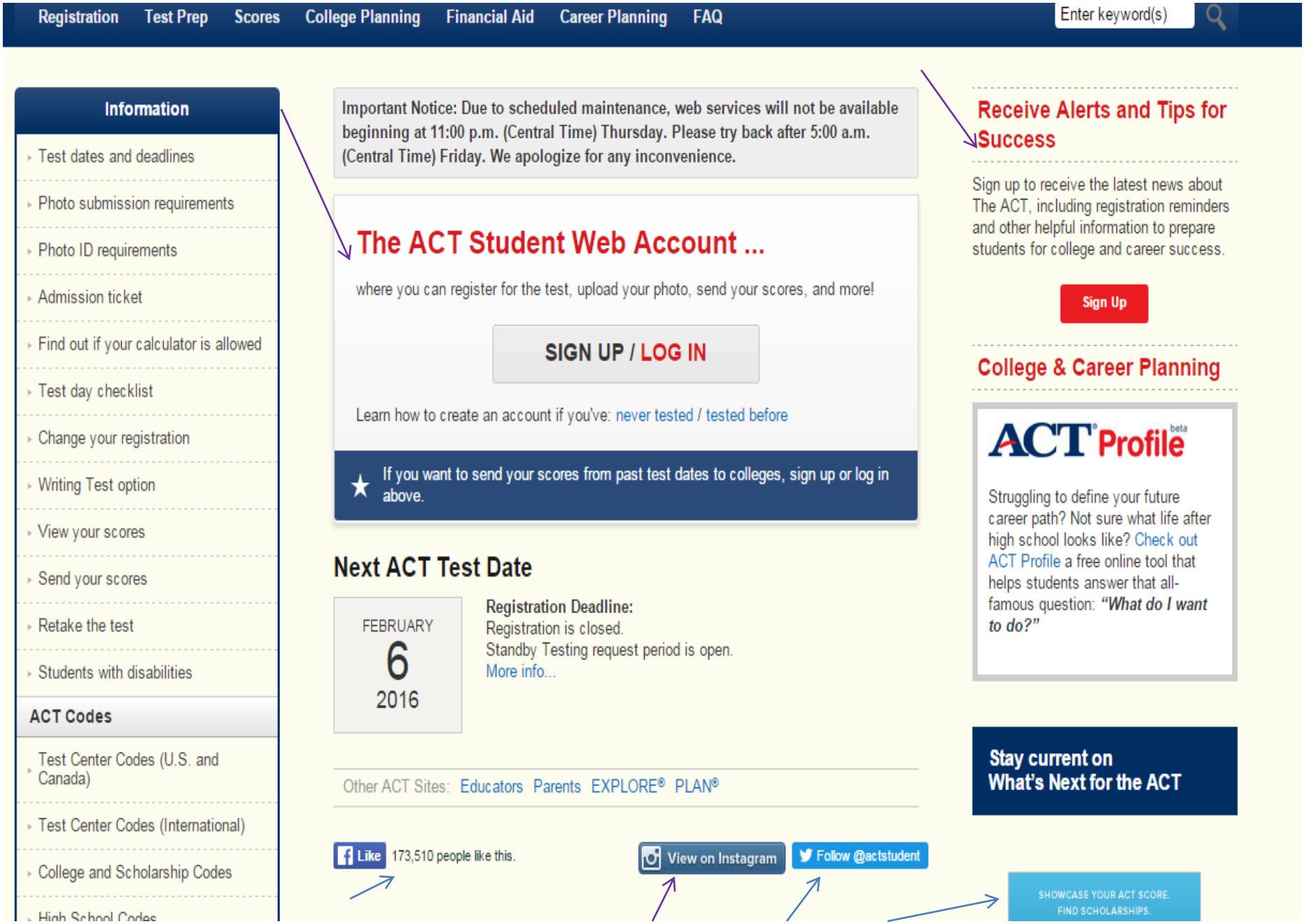
ACT STUDENT SITE

www.actstudent.org


Registration
Test Prep
Scores
College Planning
Financial Aid
Career Planning
FAQ
Enter keyword(s)
Information
Test dates and deadlines
Photo submission requirements
Photo ID requirements
Admission ticket
Find out if your calculator is allowed
Test day checklist
Change your registration
Writing Test option
View your scores
Send your scores
Retake the test
Students with disabilities
ACT Codes
Test Center Codes (U.S. and Canada)
Test Center Codes (International)
College and Scholarship Codes
High School Codes
Important Notice: Due to scheduled maintenance, web services will not be available beginning at 11:00 p.m. (Central Time) Thursday. Please try back after 5:00 a.m. (Central Time) Friday. We apologize for any inconvenience.
The ACT Student Web Account ...
where you can register for the test, upload your photo, send your scores, and more!
SIGN UP / LOG IN
Learn how to create an account if you've: never tested / tested before
If you want to send your scores from past test dates to colleges, sign up or log in above.
Next ACT Test Date
FEBRUARY
6
2016
Registration Deadline:
Registration is closed.
Standby Testing request period is open.
More info...
Other ACT Sites: Educators Parents EXPLORE® PLAN®
Like 173,510 people like this.
View on Instagram
Follow @actstudent
Receive Alerts and Tips for Success
Sign up to receive the latest news about The ACT, including registration reminders and other helpful information to prepare students for college and career success.
Sign Up
College & Career Planning
ACT Profile beta
Struggling to define your future career path? Not sure what life after high school looks like? Check out ACT Profile a free online tool that helps students answer that all-famous question: "What do I want to do?"
Stay current on What's Next for the ACT
SHOWCASE YOUR ACT SCORE.
FIND SCHOLARSHIPS.

Test Prep

Resources

- ACT Online Prep
- Question of the Day
- Sample Test Questions

Taking the Test

- Test Day Checklist
- Prohibited Behavior at the Test Center

Test Tips

- General Test-Taking Tips
- Test Day Tips
- Multiple-Choice Test Tips
- Calculator Tips
- Writing Tips

Test Descriptions

- General Description
- English Test
- Mathematics Test
- Reading Test
- Science Test
- Writing Test

www.actstudent.org/testprep/

- ACT Question of the Day
  Each day we post a new ACT Test practice question.

- *Preparing for the ACT (PDF; 64 pages, 2MB)* or Preparación para el examen de ACT *(PDF; 72 pages, 2.1MB)*
  A free student preparation booklet available from most high schools and colleges—includes test information, complete practice tests with scoring keys, and a writing prompt.

- Sample test questions

- Test tips

- Test descriptions

Sample Questions

- English
- Math
- Reading
- Science
- Writing

Sample Questions

Review these sample questions to help familiarize yourself with the ACT® test.

For each question, click on your answer to see if you are correct.

Five sets of questions are available for English and mathematics; four sets are available for reading; and seven are available for science.

To prepare for the writing test portion of the ACT with writing, see a sample writing prompt and responses.

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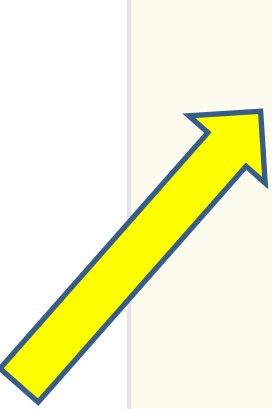
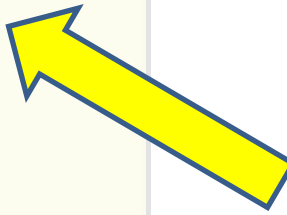
ACT EDUCATOR SITE

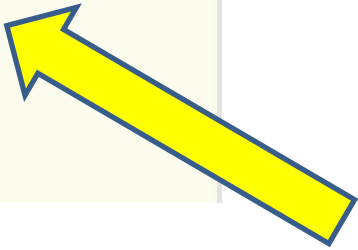
http://www.act.org/solutions/college-career-readiness/

Related Links

- ACT's College and Career Readiness Campaign
- Statewide Testing
- Condition of College & Career Readiness 2014 Report
- ACT College and Career Readiness Standards
- ACT College Readiness Benchmarks
- ACT WorkKeys
- Webinars about College & Career Readiness
- ACT District Choice State Testing Program







http://www.act.org/standard/

English

Note:

- Standards are provided for each English Test score range except the 1–12 range. Students who score in the 1–12 range are most likely beginning to develop the knowledge and skills assessed in the other ranges.
- Updates to the Standards in 2014 include:
  - edits for consistency, concision, and clarity
  - additions to include specific skills in multiple score ranges and to emphasize specific skills
  - new titles

- Side-by-side comparisons of the 2014 ACT College and Career Readiness Standards and the 2005 ACT College Readiness Standards can be seen by selecting "View changes." In the popup windows, each standard is identified by a strand abbreviation and number. For example, the first standard in Topic Development in Terms of Purpose and Focus (TOD) is TOD 201.

View or print the set of English Standards *(PDF, 12 pages)* and English Curriculum Review Worksheets *(PDF, 8 pages)*

Production of Writing						
	Score Range 13–15	Score Range 16–19	Score Range 20–23	Score Range 24–27	Score Range 28–32	Score Range 33–36
Topic Development in Terms of Purpose and Focus (TOD)	**TOD 201.** Delete material because it is obviously irrelevant in terms of the topic of the essay « View changes »	**TOD 301.** Delete material because it is obviously irrelevant in terms of the focus of the essay **TOD 302.** Identify the purpose of a word or phrase when the purpose is simple (e.g., identifying a person, defining a basic	**TOD 401.** Determine relevance of material in terms of the focus of the essay **TOD 402.** Identify the purpose of a word or phrase when the purpose is straightforward (e.g., describing a person, giving examples)	**TOD 501.** Determine relevance of material in terms of the focus of the paragraph **TOD 502.** Identify the purpose of a word, phrase, or sentence when the purpose is fairly straightforward (e.g., identifying traits, giving reasons	**TOD 601.** Determine relevance when considering material that is plausible but potentially irrelevant at a given point in the essay **TOD 602.** Identify the purpose of a word, phrase, or sentence when the purpose is subtle (e.g., supporting a	**TOD 701.** Identify the purpose of a word, phrase, or sentence when the purpose is complex (e.g., anticipating a reader's need for background information) or requires a thorough understanding of the paragraph and essay

www.act.org/learningevents/

ACT

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College and Career Readiness Learning Events

Home Webinars Workshops Resources

Preparing today's students for the demands of college and career

College and Career Readiness Webinars

About the Webinars

ACT offers webinars on various topics to help you learn how to use data to improve student performance and:

- Evaluate learning successes and needed improvements
- Improve curriculum and add rigor
- Advise students and support interventions
- Implement strategies and tactics to better prepare students for college and career

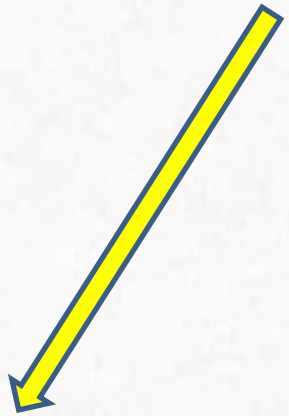
Register Now!

College and Career Readiness Learning Events

Home | Webinars | Workshops | **Resources**

Resources

Resources for ACT K–12 Products



- ACT Aspire
- ACT Profile
- The ACT
- ACT Engage
- ACT QualityCore
- ACT WorkKeys

Resources

- About the ACT Test
- Registration
- Preparing for Test Day
- Results

Related Links

- ACT Registration, Information, and Prep Tools
- What's Next for the ACT
- Learning@ACT
- Register for Updates

Additional Resources

- Technical manuals, information briefs, and research reports
- Resources for Students and their Families *(pdf, 4 pages)*
- Test center locations, dates, and codes*
- College and Scholarship Code

Counselor and Educator Resources

Help your students prepare for the ACT test with information found here on registration, preparing for test day, and using test results. All documents can be downloaded, printed, or shared via email and newsletters. Those with (*) are wonderful resources to share with your students.

For additional information, you may also direct your students to www.actstudent.org.

Register to Receive Updates and Information

Popular Downloads

Resources for Students and their Families
(PDF, 4 pages)

Preparing for the ACT*
(PDF, 64 pages)

Registering Online for the ACT*
(PDF, 2 pages)

ACT WRITING TEST

www.actstudent.org/writing

- Single prompt
- Single subject-level writing score
- Writing subject score 1-36 scale
- Students receive scores for 4 domains of writing competency on a 2-12 scale
  - Ideas & analysis
  - Development and support
  - Organization
  - Language use & conventions

Writing Sample Prompt

http://www.act.org/actnext/pdf/SampleWritingPrompt.pdf

The ACT®

Intelligent Machines

Many of the goods and services we depend on daily are now supplied by intelligent, automated machines rather than human beings. Robots build cars and other goods on assembly lines, where once there were human workers. Many of our phone conversations are now conducted not with people but with sophisticated technologies. We can now buy goods at a variety of stores without the help of a human cashier. Automation is generally seen as a sign of progress, but what is lost when we replace humans with machines? Given the accelerating variety and prevalence of intelligent machines, it is worth examining the implications and meaning of their presence in our lives.

3 Perspectives…

http://www.act.org/actnext/pdf/SampleWritingPrompt.pdf

Read and carefully consider these perspectives. Each suggests a particular way of thinking about the increasing presence of intelligent machines.

Perspective One

What we lose with the replacement of people by machines is some part of our own humanity. Even our mundane daily encounters no longer require from us basic courtesy, respect, and tolerance for other people.

Perspective Two

Machines are good at low-skill, repetitive jobs, and at high-speed, extremely precise jobs. In both cases they work better than humans. This efficiency leads to a more prosperous and progressive world for everyone.

Perspective Three

Intelligent machines challenge our long-standing ideas about what humans are or can be. This is good because it pushes both humans and machines toward new, unimagined possibilities.

SAMPLE

Essay Task…

http://www.act.org/actnext/pdf/SampleWritingPrompt.pdf

Essay Task

Write a unified, coherent essay in which you evaluate multiple perspectives on the increasing presence of intelligent machines. In your essay, be sure to:

- analyze and evaluate the perspectives given
- state and develop your own perspective on the issue
- explain the relationship between your perspective and those given

Your perspective may be in full agreement with any of the others, in partial agreement, or wholly different. Whatever the case, support your ideas with logical reasoning and detailed, persuasive examples.

Planning Your Essay

Your work on these prewriting pages will not be scored.

Use the space below and on the back cover to generate ideas and plan your essay. You may wish to consider the following as you think critically about the task:

Strengths and weaknesses of the three given perspectives

- What insights do they offer, and what do they fail to consider?
- Why might they be persuasive to others, or why might they fail to persuade?

Your own knowledge, experience, and values

- What is your perspective on this issue, and what are its strengths and weaknesses?
- How will you support your perspective in your essay?

ACT STUDENT SCORE REPORT

The ACT® Student Report

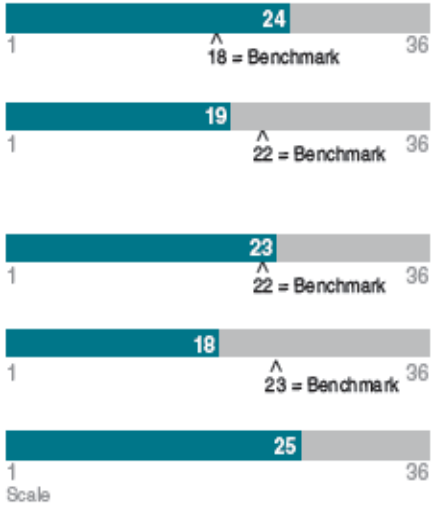
ACT, Inc.—Confidential Restricted when data present

Ann C Taylor (ACT ID: -54116290)

Wheat Ridge Sr High School (061-450) | Apr 2016 National

Composite Score 21 U.S. Rank 56% | State Rank 58%

Test Results	Score	U.S. Rank
English	**24**	**74%**
Usage/Mechanics	12	72%
Rhetorical Skills	12	71%
Mathematics	**19**	**47%**
Pre-Algebra/Elem. Algebra	11	57%
Algebra/Coord. Geometry	10	51%
Plane Geometry/Trig.	09	39%
Reading	**23**	**66%**
Social Studies/Sciences	12	67%
Arts/Literature	11	58%
Science	**18**	**32%**
Writing	**25**	**79%**
Ideas and Analysis	10	
Development and Support	08	
Organization	07	
Language Use and Conventions	08	



Composite and Subscores: ACT test scores and the Composite score range from 1 to 36; subscores range from 1 to 18. Your Composite score is the average of your scores on the four subject tests. Subscores do not necessarily add up to your score for a subject test.

ACT College Readiness Benchmarks: If your scores are at or above the ACT benchmark scores, you will likely be ready for first-year college courses.

U.S. Rank and State Rank: Your ranks tell you the approximate percentages of recent high school graduates in the U.S. and your state who took the ACT and received scores that are the same as or lower than yours.

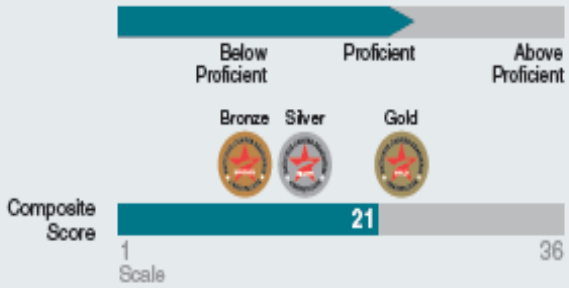
Interpreting Your Scores: Test scores are not precise measures of your educational development. ACT scores reported are the midpoint of a score range that represents your educational development at the time you took the ACT. For example, the score range is plus or minus one point for the Composite score. You will find more information about interpreting your scores in the *Using Your ACT Results* booklet provided with this report and at **www.actstudent.org**.

Writing: The score ranges from 1 to 36. Writing domain scores range from 2 to 12. Domain scores do not necessarily add up to your score for the Writing test.

ELA	24	70%
STEM	19	40%

Understanding Complex Texts
Proficient

Progress Toward Career Readiness
You are making progress toward a Gold level on the ACT NCRC.



English Language Arts (ELA): An average of your English, Reading, and Writing scores. The score ranges from 1 to 36.

Science, Technology, Engineering, and Mathematics (STEM): An average of your Math and Science scores. The score ranges from 1 to 36.

Understanding Complex Texts: Measures level of proficiency on a subset of items in the Reading test assessing the ability to identify the central meaning and purposes for a range of increasingly complex texts.

Progress Toward Career Readiness: Based on your ACT Composite score, Progress Toward Career Readiness is an indicator of your potential level of achievement on the ACT National Career Readiness Certificate (ACT NCRC). The ACT NCRC is an assessment-based credential that certifies skills critical to your future education and career success.

Learn how NCRC performance relates to job skill requirements at www.act.org/workkeys/briefs/files/NCRCRequirements.pdf.

This information is not to be considered a substitute for actual performance on the ACT NCRC.

Your College Reports

At your direction, your scores from this test date are being reported to the colleges shown below. College planning information is provided for the first four choices you listed when you registered or tested. Check with colleges for recent changes in information. Note: Your GPA was calculated from the grades you reported.

	Profile of Enrolled 1st-Year Students				Approximate Annual Tuition and Fees		Percentage of 1st-Year Students Receiving Financial Aid	
College Name (Code)	ACT Composite Score	High School Class Rank	High School GPA	**Preferred Program of Study Availability**	In-state	Out-of-state	Need-based	Merit-based
University of Omega (9521) Omega, CO www.universityofomega.edu	Middle 50% between 18–24	Majority in top 50%	2.76	4-Yr Degree	$5,600	$12,000	67%	20%

ACT Online Prep – Overview

Agenda

1. Latest Updates
2. Benefits of AOP
3. AOP Setup
4. Customer Service
5. AOP Demo

Latest Updates

- All Montana public high schools will have licenses renewed for ACT Online Prep
  - Montana GEAR UP Grant
  - Available to students grades 9-12
- Writing Prompt

Benefits of AOP

- With AOP, students will have access to:
  - Practice tests with real ACT test questions
  - Practice essays for the ACT Writing Test, with real-time scoring
  - Comprehensive content review for each of the ACT's four required tests – English, Math, Reading, and Science
- They can also
  - Diagnose their skill levels in the required content areas
  - Develop a personalized Study Path

AOP Setup

- ACT provides file layout to MT OPI
- MT OPI sends completed file to ACT
- ACT provides file with login information for each school
- MT OPI to set up Test Coordinators for each school
- Test Coordinators to set up individual student accounts using student's email address

AOP Setup

- What if students don't have an email address?
  - There are free email options they can sign up for such as:
    - Gmail
    - Hotmail
    - Yahoo
  - MetNet Accounts from MT OPI
    - Student First and Last Name
    - Student Address
    - Student Phone
    - School Name

AOP Support

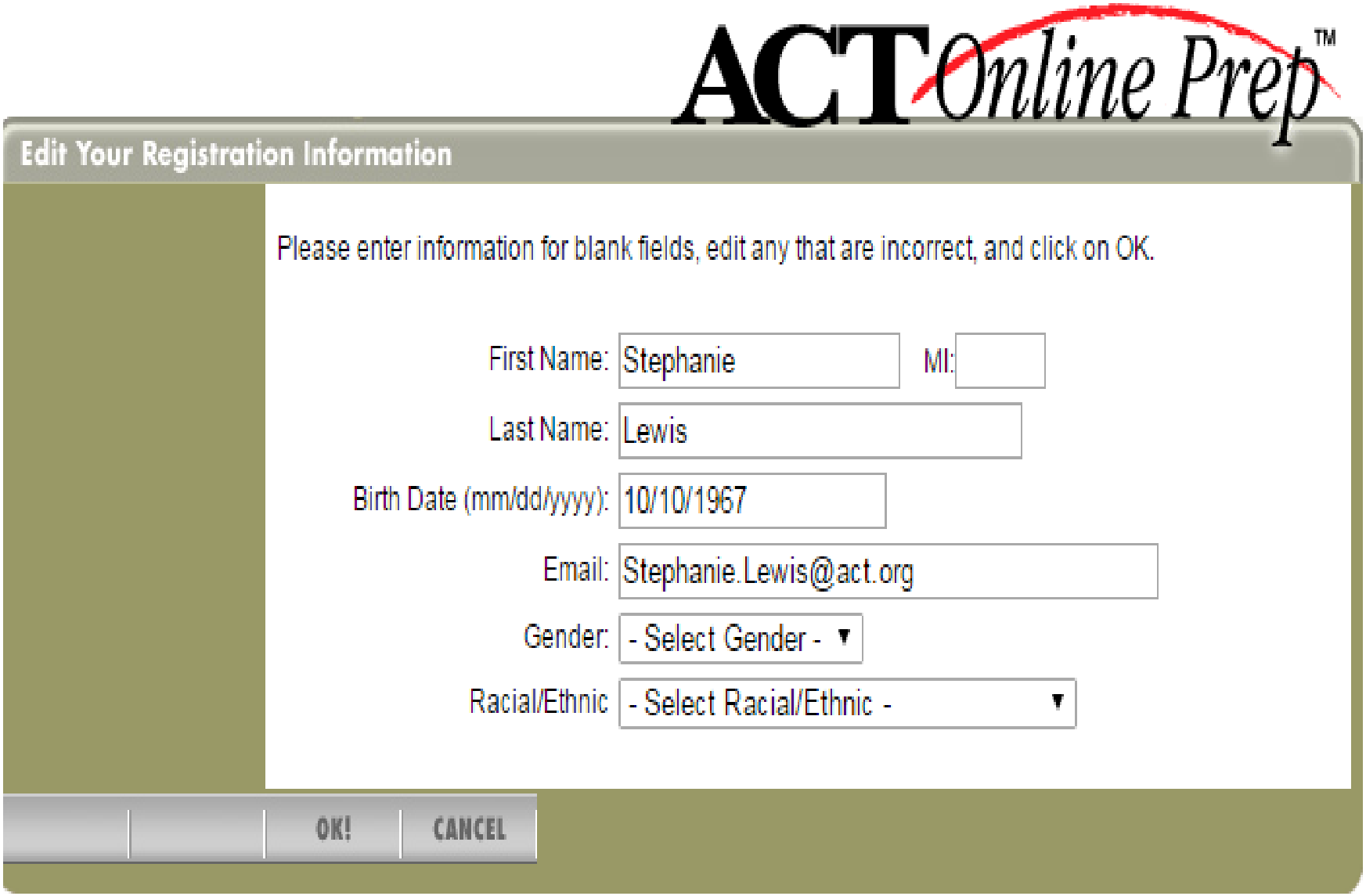
- Who do administrators contact if they are having trouble using AOP?
  - Angie Koehler, MT OPI 406-444-3511
- Who do students contact if they are having trouble using AOP?
  - Their school test coordinator

Brainstorm Ideas for Using AOP

- Using AOP is a great way for students to take ownership over their college preparation
- Schools and communities can help too:
  - After-school study groups at school/ Saturday study groups
  - Public libraries may be willing to host AOP events as part of their regular teen events
  - Practice in the classroom

AOP DEMO

NOW ENTERING ACTropolis™
Please Sign In
Username: 0xz923bc4y
Password: ••••••••••
Forgot Username or Password
OK!
CANCEL


ACT Online Prep™
Edit Your Registration Information
Please enter information for blank fields, edit any that are incorrect, and click on OK.
First Name: Stephanie
MI:
Last Name: Lewis
Birth Date (mm/dd/yyyy): 10/10/1967
Email: Stephanie.Lewis@act.org
Gender: - Select Gender -
Racial/Ethnic - Select Racial/Ethnic -
OK!
CANCEL

NOW ENTERING ACTrobolis™

Change Your Username and Password

Choose a secret question and enter an answer that will confirm your identity in case you forget your username or password.

What is your mother's maiden name? ▼

Answer:

You may enter a new username and/or password. If you want to keep them as they are, leave the fields blank. You will not be able to change them again later.

New Username: SDLEWIS

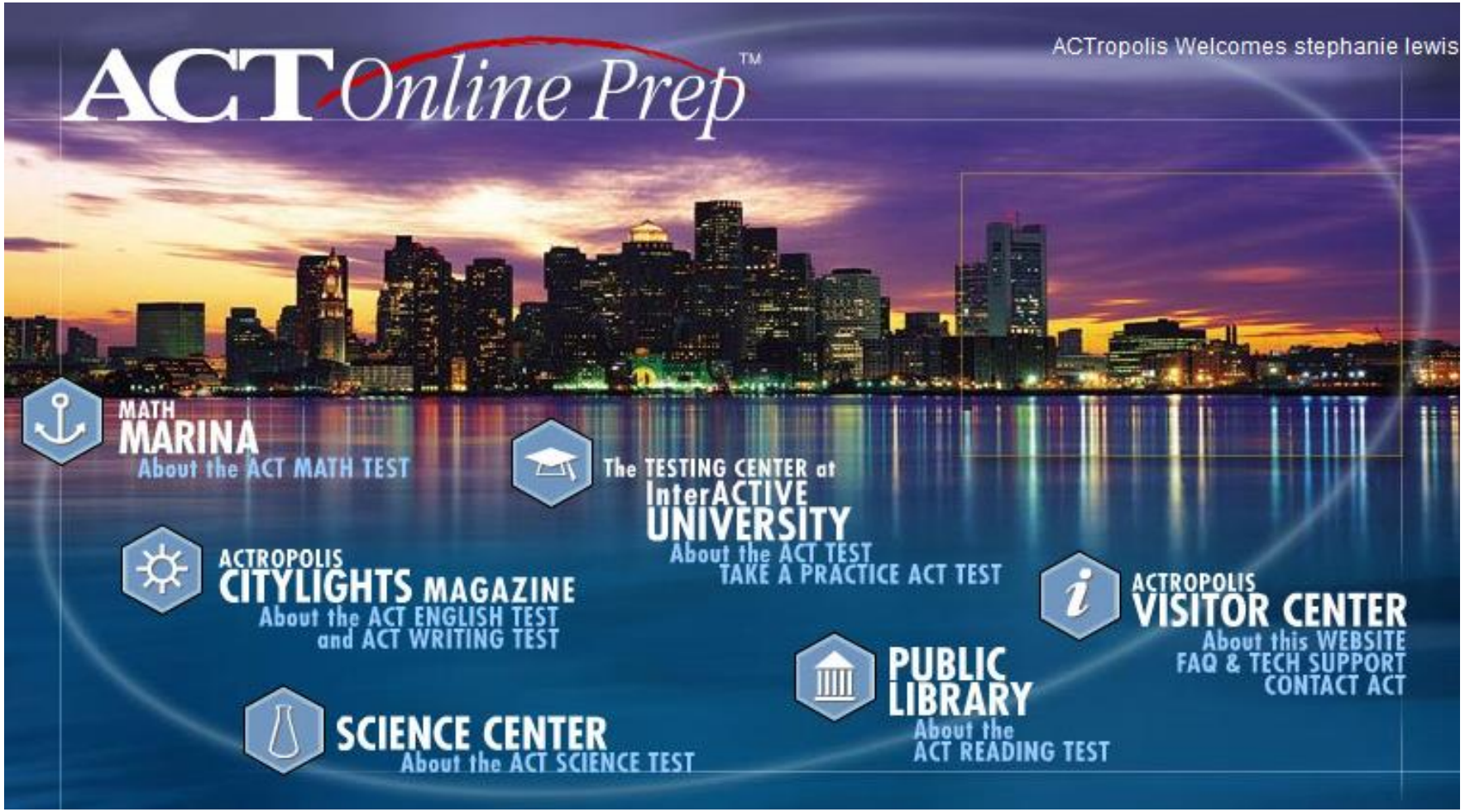
New Password: ••••••••••

Confirm Password: ••••••••••

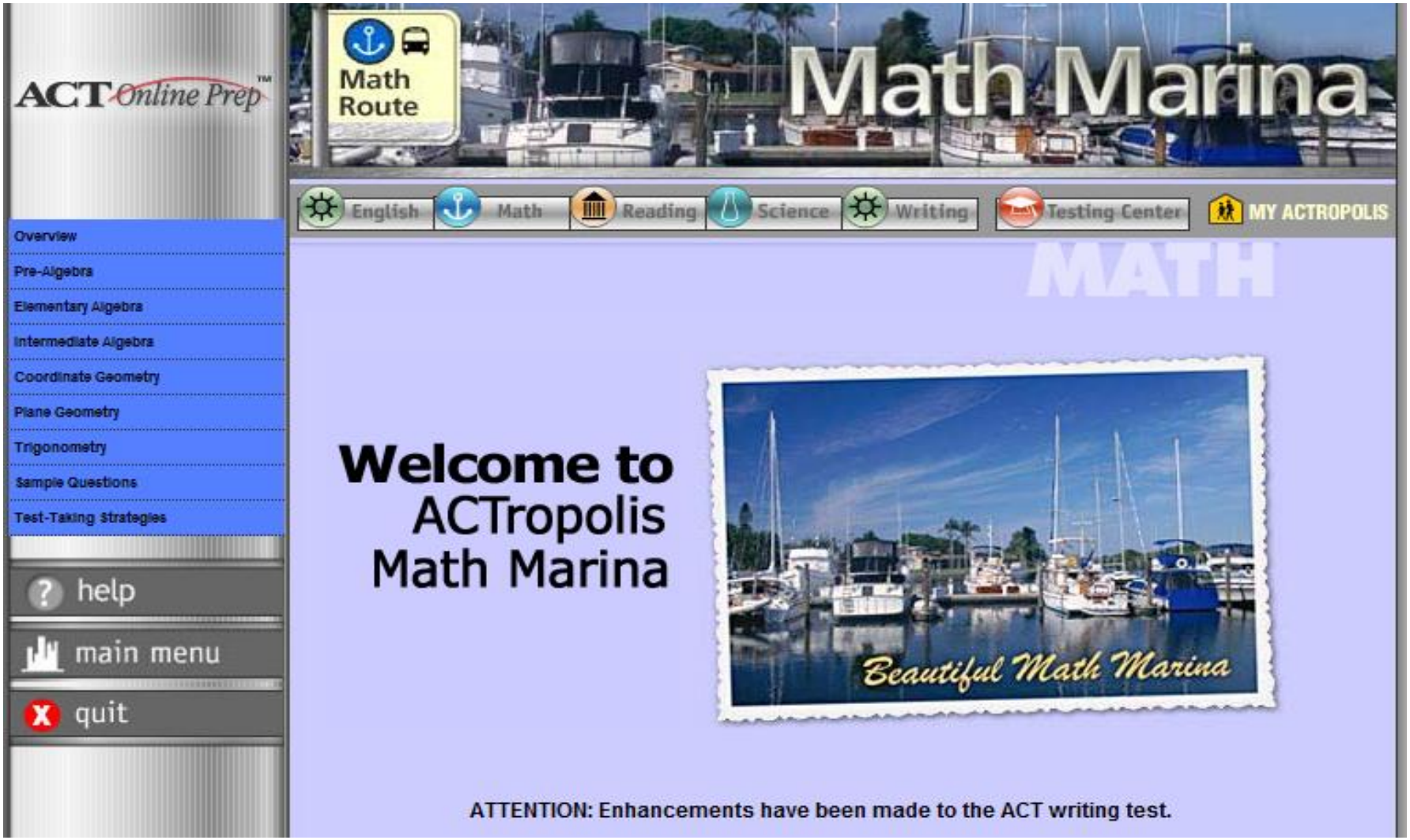
OK!

Reports
Create Accounts
Manage Accounts
Contact ACT
User Guide
ACT Online Prep ADMIN
Individual Usage
Roster Usage
Individual Scores
Aggregate Scroes
Roster Scores
Item Response
ACT Online Prep
Visitor Center
ACTROPOLIS VISITOR CENTER
Visitor Center
Orientation
Frequently Asked Questions
Technical Support
Feedback
help
main menu
quit
English
Math
Reading
Science
Writing
Testing Center
MY ACTROPOLIS
VISITOR CENTER
Welcome to
ACTropolis
Visitor Center
ACTROPOLIS VISITOR CENTER
Actropolis Visitor Center

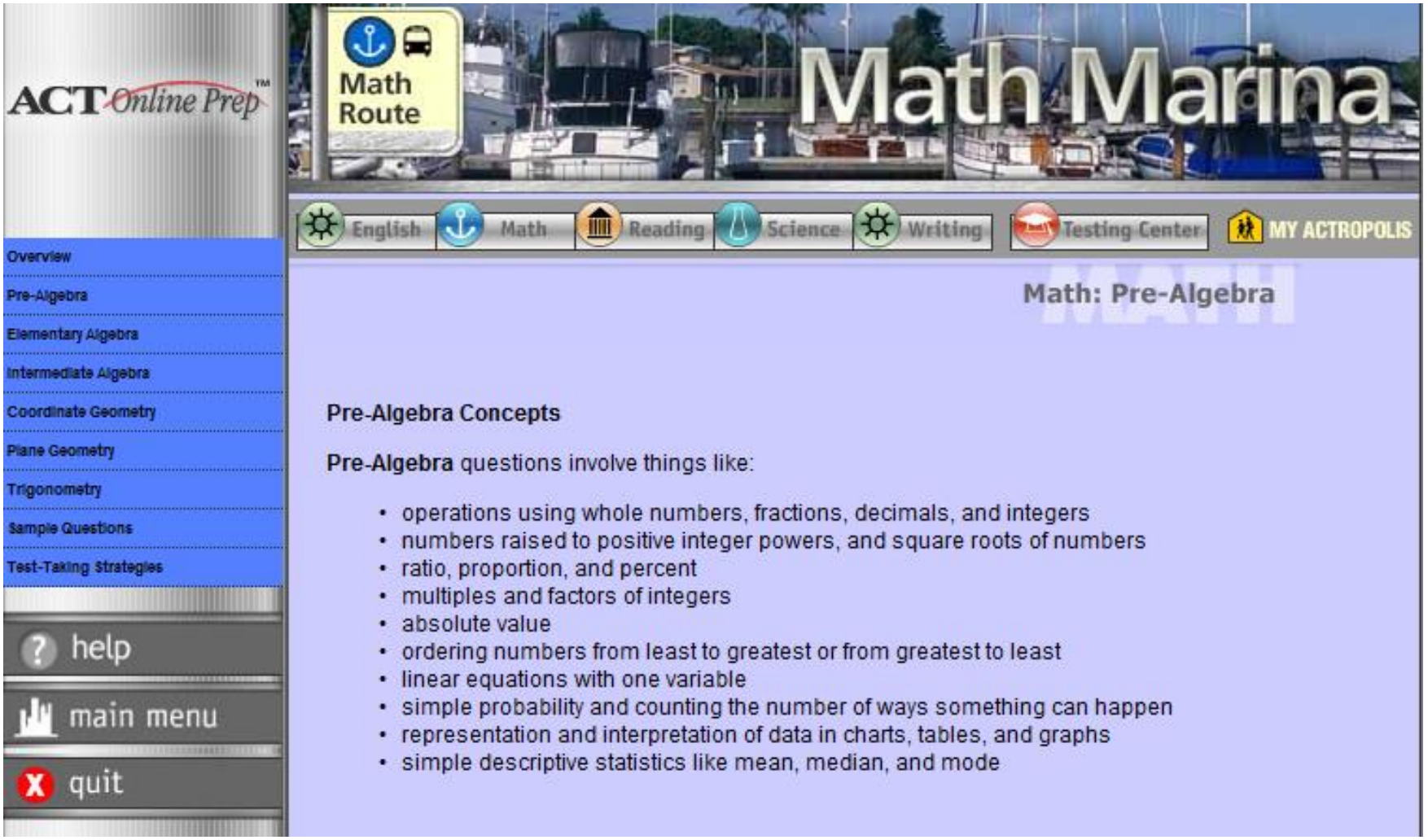
STUDENT – Main Menu



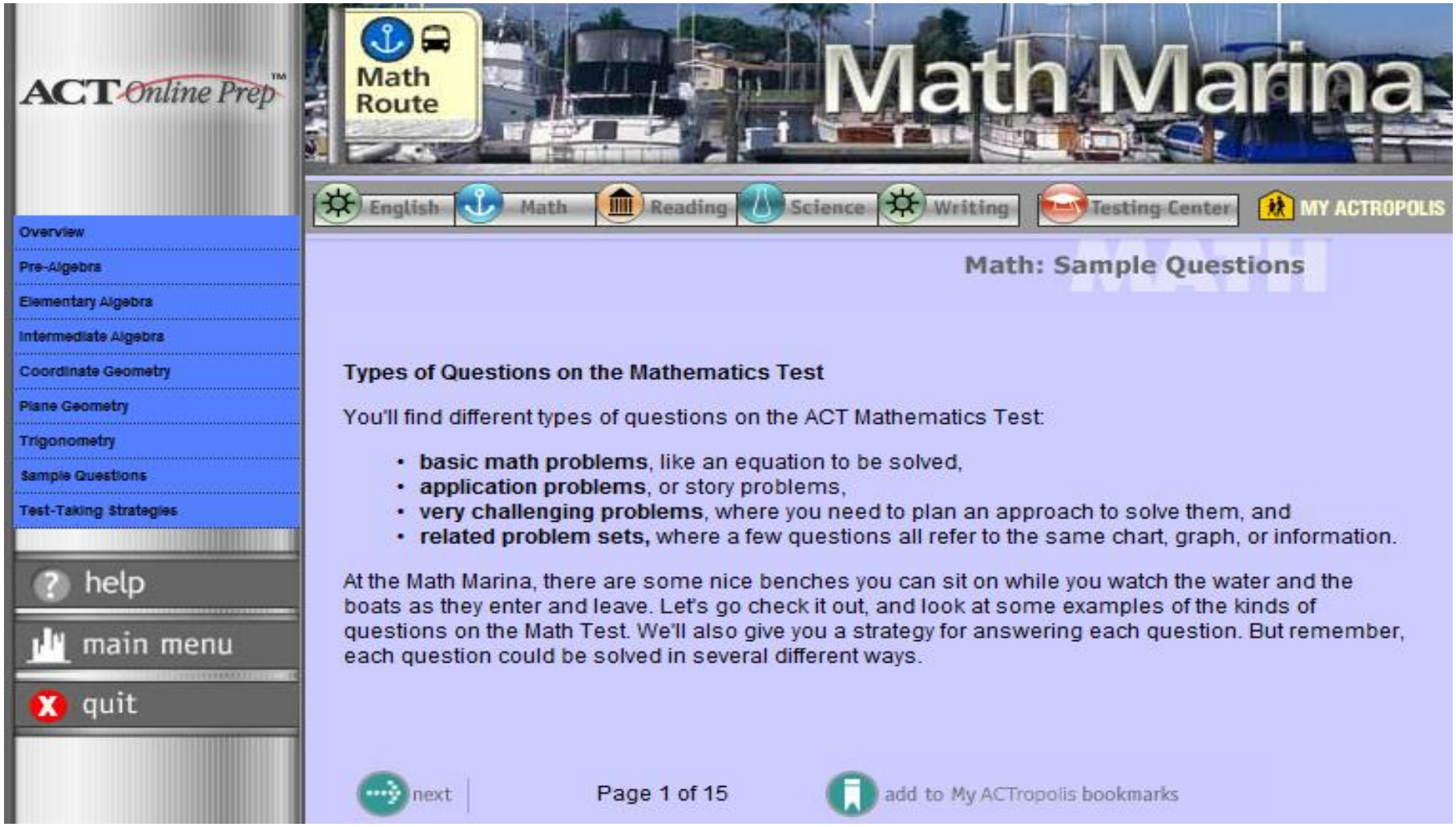
STUDENT: Math

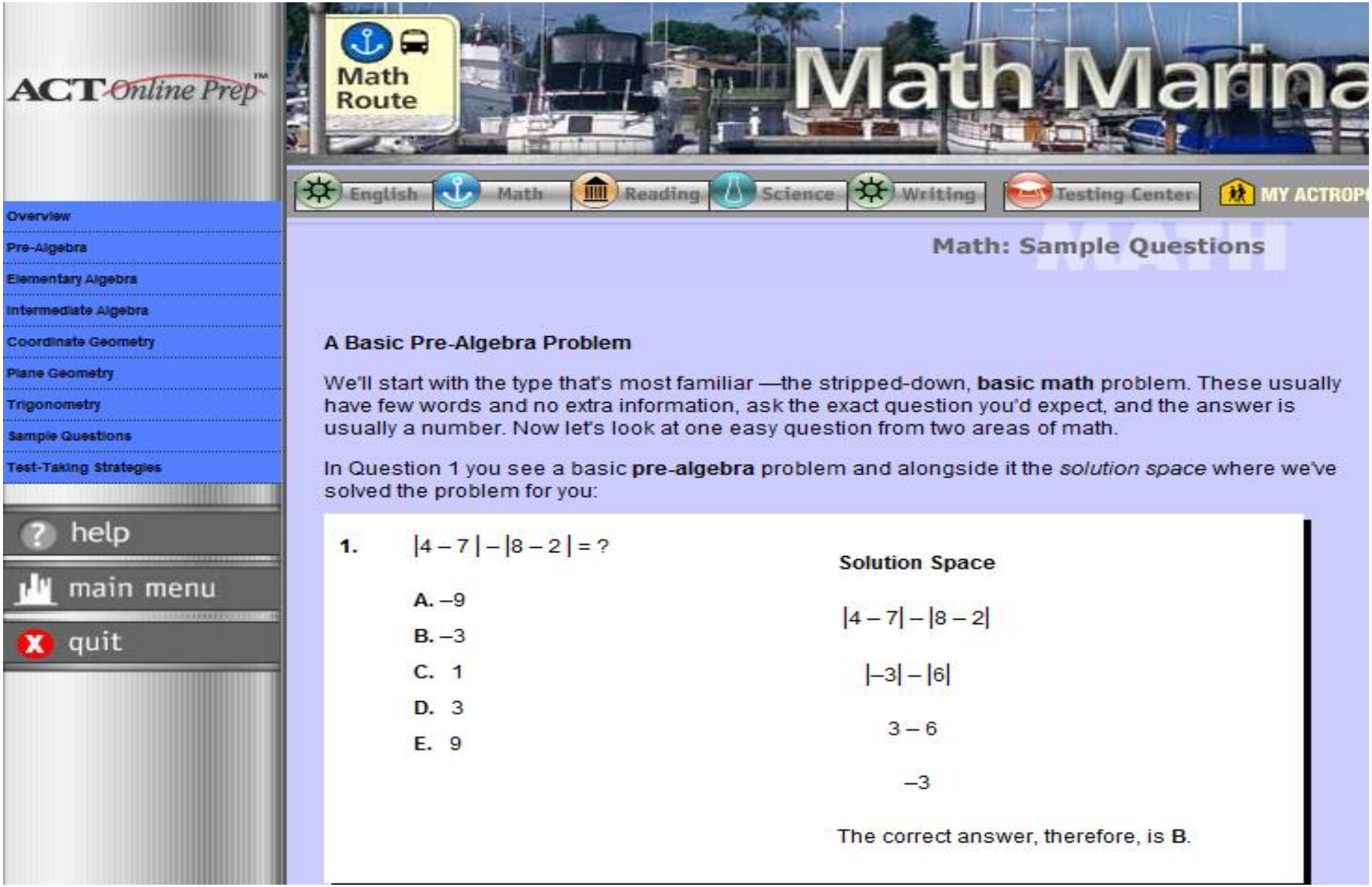


STUDENT: Math Overview

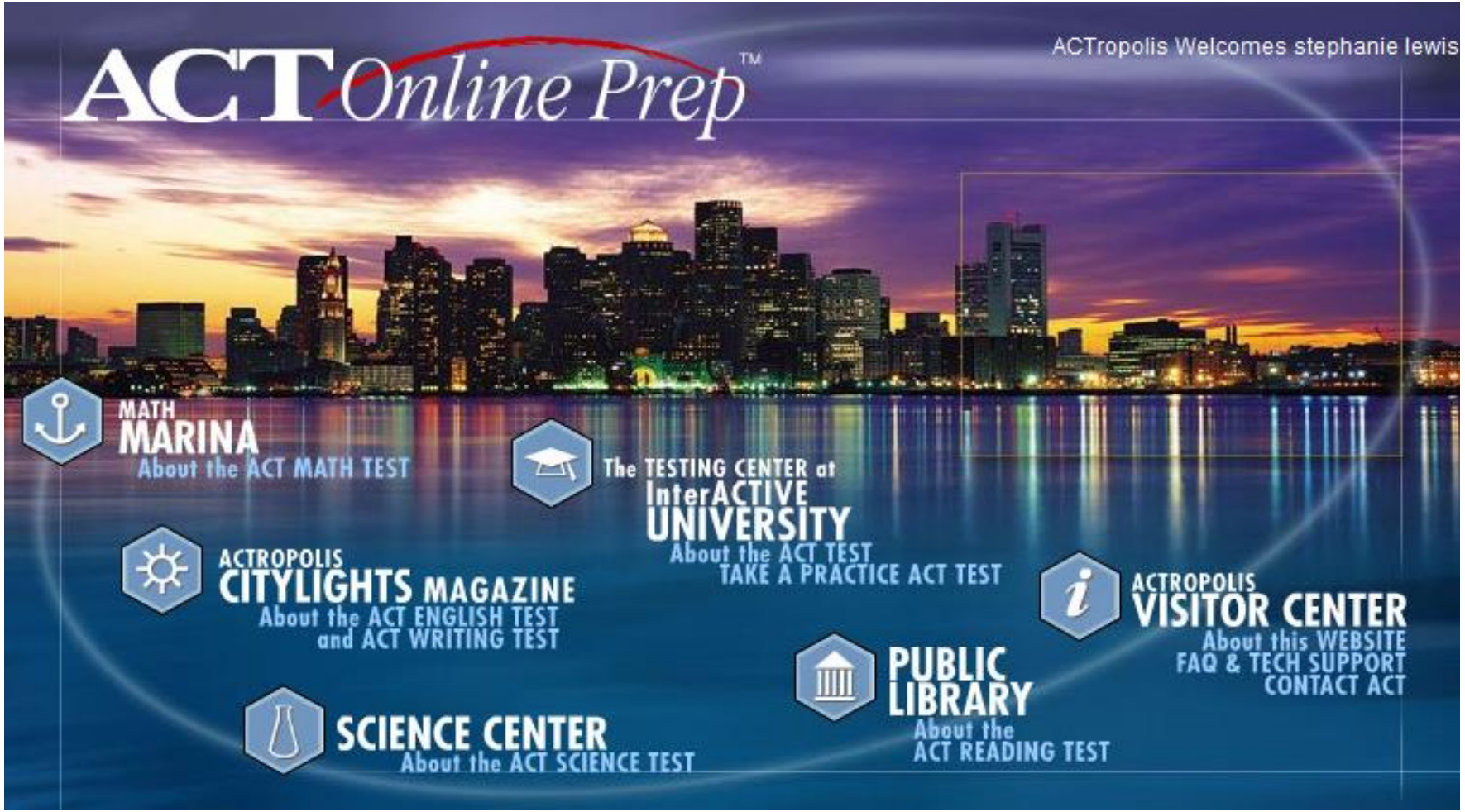


STUDENT: Math Sample Questions

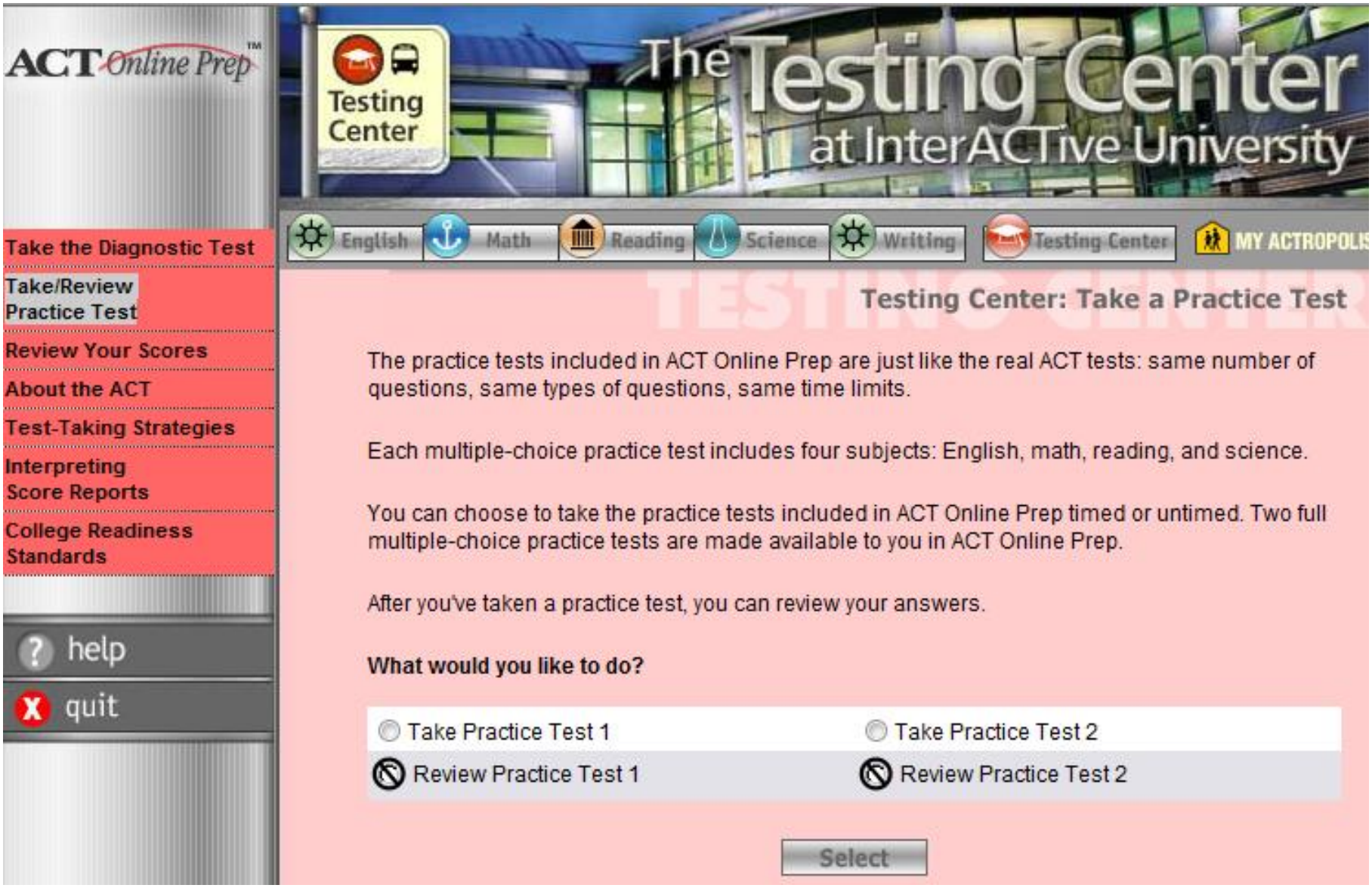



ACT Online Prep
Math Route
Math Marina
English
Math
Reading
Science
Writing
Testing Center
MY ACTROP
Overview
Pre-Algebra
Elementary Algebra
Intermediate Algebra
Coordinate Geometry
Plane Geometry
Trigonometry
Sample Questions
Test-Taking Strategies
help
main menu
quit
Math: Sample Questions
A Basic Pre-Algebra Problem
We'll start with the type that's most familiar —the stripped-down, basic math problem. These usually have few words and no extra information, ask the exact question you'd expect, and the answer is usually a number. Now let's look at one easy question from two areas of math.
In Question 1 you see a basic pre-algebra problem and alongside it the solution space where we've solved the problem for you:
1. |4 – 7| – |8 – 2| = ?
A. –9
B. –3
C. 1
D. 3
E. 9
Solution Space
|4 – 7| – |8 – 2|
|–3| – |6|
3 – 6
–3
The correct answer, therefore, is B.

STUDENT – Main Menu



STUDENT: Take an ACT Practice Test


ACT Online Prep
Testing Center
The Testing Center at InterACTive University
English
Math
Reading
Science
Writing
Testing Center
MY ACTROPOLIS
Take the Diagnostic Test
Take/Review Practice Test
Review Your Scores
About the ACT
Test-Taking Strategies
Interpreting Score Reports
College Readiness Standards
help
quit
Testing Center: Take a Practice Test
The practice tests included in ACT Online Prep are just like the real ACT tests: same number of questions, same types of questions, same time limits.
Each multiple-choice practice test includes four subjects: English, math, reading, and science.
You can choose to take the practice tests included in ACT Online Prep timed or untimed. Two full multiple-choice practice tests are made available to you in ACT Online Prep.
After you've taken a practice test, you can review your answers.
What would you like to do?
Take Practice Test 1
Take Practice Test 2
Review Practice Test 1
Review Practice Test 2
Select

STUDENT: Take an ACT Practice Test

MTOPI Contacts

- Angie Koehler
  - 406.444.3511
- Judy Snow
  - 406.444.3511

Customer Service

- ACT State and District Testing
  - 1-800-553-3244 Ext. 2800
  - www.act.org/aap/montana/contact.html
- Accommodations/Special Testing
  - 1-800-553-6244 Ext. 1788
  - ACTStateAccoms@act.org